

DERWENT-ACC-NO: 1983-17998K

DERWENT-WEEK: 198308

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TITLE: Thermally insulating roller blind - with foam
core
between fabric and metallised film covers

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PATENT-ASSIGNEE: SIRS REV SOL SOC IN[SIRSN] , SOC INT
REVETEMENTS[ITREN]

PRIORITY-DATA: 1981FR-0013569 (July 3, 1981)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
FR 2508969 A	January 7, 1983	N/A
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DE 3224851 A	March 17, 1983	N/A
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INT-CL (IPC): A47H023/02, B32B015/20 , B32B027/36 , E06B009/24

ABSTRACTED-PUB-NO: FR 2508969A

BASIC-ABSTRACT:

A thermally insulating roller blind has an interlayer of open celled
acrylic
foam between one cover of non-woven fabric and one cover of polyester
film
lined with aluminium on one or both faces. Esp. suitable for
industrial
applications, to reduce heat losses via windows. The blind may be
reinforced
by a layer of net between the polyester film and the foam core layer:
the net
pref. being of glass strands.

Specifically claims such blinds where the relative density of the
core layer is
0.05-0.15, pref. about 0.08 and the non-woven cover is made of hollow
polyester
fibres (RTM - "Holofibres") rated at 3.3 and/or 6.7 dtex to a

grammage of
60-300, pref. 140-200 g/sq.m.

The polyester film is 0.8-30, pref. 16-20 microns thick, may be covered with aluminium either by coating or by lamination to foil.

The layers may be prefabricated and laminated by calendering, or may be assembled using the foam layer prior to drying. Example blinds are 3 mm thick overall, weighed 340 g/sq. m, had tensile strengths of 4-8 kg/cm, extensibility to break of 3-4% and a thermal conductivity of 0.22-0.38 sq. m. deg. C/W, depending on the method of test.

TITLE-TERMS: THERMAL INSULATE ROLL BLIND FOAM CORE FABRIC METALLISE FILM COVER

DERWENT-CLASS: A93 P27 P73 Q48

CPI-CODES: A04-F01; A05-E01; A12-R02; A12-R06; A12-S04B;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0011 0231 0486 0487 1291 3178 1319 1462 2214 2386 2416
2434 2437
2439 2498 2513 2528 3245 2539 2635 2646 2654 2665 3258 2692 2697 2720
2723 2724
2726 2728 2820
Multipunch Codes: 013 034 04- 074 081 143 144 155 163 166 169 170 171
274 308
309 402 408 409 430 431 435 440 441 443 47& 471 477 481 483 491 493
50& 551 56&
567 573 575 581 596 604 606 613 617 651 664 665 688 723

SECONDARY-ACC-NO:

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Non-CPI Secondary Accession Numbers: N1983-033221

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